



Product designation			Rotary cam
•			switches
Product type designation General characteristics			7GN63
			10 - ON/OFF
Switching diagram			switch 3 poles
N° of elements			2
			O - Rear
Mounting form			mounting with
Contact characteristics			black handle
Rated insulation voltage Ui			
Trated insulation voltage of	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN	Α	63
	UL/CSA	Α	60
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	A	63
	15kA	A	63
	25kA 50kA	A A	63 63
	63kA	A	63
Rated short time current lcw	00101		
	1s	kA	1600
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	63
AC15			
	110V	Α	32
	220/230V	A	25
	380/400V 660/690V	A A	15 4
Rated operational power in AC	000/0901		4
Three-phase AC-3			
Tilloo pilado No o	220/230V	kW	11
	380/440V	kW	18.5
<u>.</u>	500/690V	kW	18.5
Single-phase AC-3			
	110V	kW	3.7
	220/230V	kW	6.5
	380/440V	kW	11.5

ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 63A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

	Three-phase AC23A			
	55 p.1655 / 1520/ 1	220/230V	kW	12.5
		380/440V	kW	30
		500/690V	kW	30
	Single phase AC22A	300/0901	KVV	30
	Single-phase AC23A	440)/	1.347	0.7
		110V	kW	3.7
		220/230V	kW	7.5
		380/440V	kW	12.5
Rated operational curr				
	DC21A			
		48V	Α	63
		60V	Α	50
		110V	Α	8
		220V	Α	1
	DC23A (poles in series)			•
	DOZOA (poles in series)	24V	Α	50 (1)
		48V		
			A	50 (2)
		60V	A	50 (3)
		110V	Α	25 (3)
		220V	Α	15 (4)
	DC13			
		24V	Α	63
		48V	Α	40
		60V	Α	28
		110V	Α	3.3
Power dissipation			W	3.4
Mechanical features			***	0.1
Terminals screw				M5
Terminals screw	arminals may		Nm	M5
Tightening torque for t	erminals max		Nm	M5 2
			Nm	
Tightening torque for t	erminals max AWG - Rigid cable			2
Tightening torque for t		min	AWG	14
Tightening torque for t	AWG - Rigid cable	min Max		2
Tightening torque for t			AWG	14
Tightening torque for t	AWG - Rigid cable		AWG	14
Tightening torque for t	AWG - Rigid cable	Max	AWG AWG	14 6
Tightening torque for t	AWG - Rigid cable	Max min	AWG AWG	14 6
Tightening torque for t	AWG - Rigid cable AWG - Flexible cable	Max min Max	AWG AWG AWG AWG	14 6 14 8
Tightening torque for t	AWG - Rigid cable AWG - Flexible cable	Max min Max min	AWG AWG AWG AWG	14 6 14 8 2.5
Tightening torque for t	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max	AWG AWG AWG AWG	14 6 14 8
Tightening torque for t	AWG - Rigid cable AWG - Flexible cable	Max min Max min Max	AWG AWG AWG AWG	14 6 14 8 2.5 10
Tightening torque for t	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min min	AWG AWG AWG AWG mm² mm²	2 14 6 14 8 2.5 10 2.5
Tightening torque for t	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm² mm²	2 14 6 14 8 2.5 10 2.5
Tightening torque for to Conductor size Mechanical life	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min min	AWG AWG AWG AWG mm² mm²	2 14 6 14 8 2.5 10 2.5
Tightening torque for to Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min min	AWG AWG AWG AWG mm² mm²	2 14 6 14 8 2.5 10 2.5
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Tightening torque for to Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable con-line control for three-phase motor	Max min Max min Max min Max 120V 240V	AWG AWG AWG AWG mm² mm² cycles	2 14 6 14 8 2.5 10 2.5 16 5x10 ⁶ 7.5 15
Tightening torque for to Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	min Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG AWG mm² mm² cycles	2 14 6 14 8 2.5 10 2.5 16 5x10 ⁶ 7.5 15 25 25
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electric ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 63A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

Temperature

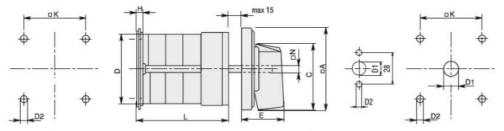
Operating temperature

	min	°C	-25	
	max	°C	+55	
Storage temperature				
	min	°C	-40	
	max	°C	+70	

Resistance & Protection

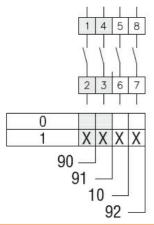
Frontal IP degree	IP40
Terminals IP degree	IP00

Dimensions



Series				Dimer	sions								LI	Number	of elen	nents				
Series	□A	С	ØD	ØD2	Е	Η	□K	□N	1	2	3	4	5	6	7	8	9	10	11	12
7GN12	48	39.5	39	5	26.5	5	36	6	38.1	47.8	57.5	67.2	76.9	86.6	96.3	106	115.7	125.4	135.1	144.8
7GN20	48	39.5	39	5	26.5	5	36	6	38.1	47.8	57.5	67.2	76.9	86.6	96.3	106	115.7	125.4	135.1	144.8
7GN25	48	39.5	43	5	26.5	5	36	6	42.5	56.1	69.7	83.3	96.9	110.5	124.1	137.7	151.3	164.9	178.5	192.1
7GN32	65	53	58	5	34.5	5.5	48	7	48.5	63.6	78.7	93.8	108.9	124	139.1	154.2	169.3	184.4	199.5	214.6
7GN40	65	53	58	5	34.5	5.5	48	7	48.5	63.6	78.7	93.8	108.9	124	139.1	154.2	169.3	184.4	199.5	214.6
7GN63	65	53	62	6	34.5	7.5	68	7	53.3	71.4	89.5	107.6	125.7	143.8	161.9	180	198.1	216.2	234.3	252.4
7GN125	90	70.5	86	6	41.4	7.5	68	9	74.8	103.9	133	162.1	191.2	220.3	249.4	278.5	307.6	336.7	365.8	394.9

Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14

IEC/EN/BS 60947-1 IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

UL60947-4-1

Certificates

cCSAus



7GN6310O

ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 63A, FOR REAR MOUNTING
WITH BLACK HANDLE, FRONT PLATE 65X65MM

EAC				
UL			•	

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete